



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
NATIONAL MARINE WATER QUALITY LABORATORY
SOUTH FERRY ROAD
NARRAGANSETT, RHODE ISLAND 02882

March 1, 1974

Dr. Vadim D. Fedorov
Faculty Manager, Biology Faculty
Moscow State University
Moscow, V-234, USSR

Dear Vadim:

We have finally received definite commitments from the scientists your committee requested to have visit the Soviet Union. They are anxious and excited about their forthcoming visit after discussing the visit the visit Ed Carpenter, Ed Goldberg and I made to your country.

We propose to send some of the American scientists to the Soviet Union in groups according to their scientific interests. This should make planning easier for you. These scientists are prepared to come during the following time periods:

- | | |
|--|----------------|
| 1. Dr. Thomas Duke and Dr. Theodore Rice | May 12-25 |
| 2. Dr. Holgar Jannasch | May 26-June 8 |
| 3. Dr. Edward Goldberg and Dr. Robert Duce | September 1-14 |
| 4. Dr. John Farrington and Dr. Donald Hood | October 13-26 |
| 5. Dr. D.M. DiToro and Dr. Howard Odum | Autumn |
| 6. Dr. Theodore Folsom | Autumn |

Enclosed is additional information concerning the first five distinguished lecturers. Some of these scientists have requested to visit certain Soviet laboratories and certain Soviet scientists. Perhaps you could arrange such visits whenever possible. We also need an itinerary for each scientist in advance. Send this information to my office.

It is suggested that you also send the Soviet scientists in groups of two persons, if possible, grouping them by scientific interests.

We are prepared to receive your Soviet scientists beginning May 12, 1974. We prefer to receive the pesticides and organic chemicals experts in June. In order to more adequately prepare their programs, it is necessary for us to receive more details about the Soviet scientists you are sending. For example, we need to know their names, what particular group of organisms they primarily worth with, whether they with with organic or inorganic species.

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what is this
in context -
197? See

Environmental Pilot

(Hend)

Dr. Vadim D. Fedorov

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March 1, 1974

Please send us the dates which each Soviet scientists plans to visit the United States. We need specific dates as soon as possible. We also are willing to arrange visits to laboratories and personnel of specific interest to your scientists. Please send those requests to us as soon as possible. We shall then send an itinerary for each scientist.

We are forwarding by mail further information (vitae, publications, etc.) on the first five American scientists planning to visit your country.

We are looking forward to hearing from you soon.

Sincerely,

Eric D. Schneider
Director, NMWQL

EH:dgg
Encs.

Appendix A Requests to visit specific laboratories

1. Dr. Thomas Duke and Dr. Theodore Rice
 - A. Institute of Biology of the South Seas-Sevastopol
 1. Duke wishes to see O.G. Mironov
 2. Rice wishes to see G.G. Polikarpov
 - B. Moscow State University-Moscow
 1. Both wish to see V.D. Fedorov
 - C. Places where pesticides residues measurements and effects are studied.
 - D. Several of these scientists - A.F. Fedorov, N.A. Timofeyeva, A.B. Getsova, E.A. Timofeeya-Resovskaya, N.V. Timofeev-Resovskii
2. Dr. Holgar Jannasch
 - A. Moscow State University - Academy of Science-Moscow
 - B. Institute for the Investigation of the Northern Seas-Murmansk
 - C. Institute for the Investigation of the Southern Seas - especially marine bacteriology and O.G. Mironov
 - D. Institute of Oceanology-Vladivostok
3. Dr. Edward Goldberg and Dr. Robert Duce
 - A. Institute of Biology of South Seas-Sevastopol - G.G. Polikarpov
 - B. Institute of Northern Seas-Murmansk - Professor Tokan
 - C. Institute of Geochemistry-Moscow - A.P. Vinogradov and Professor Korzh
 - D. Institute of Theoretical Meteorology-Obninsk - V.V. Egorov and S.G. Malaknov
 - E. Main Geophysical Observatory-Leningrad - O.P. Petrenchuk, E.S. Selezheva and V.M. Drozdova

Appendix B Topics on which American scientists are prepared to lecture

1. Dr. Thomas Duke
 1. Effects of toxic substances on marine organisms (especially toxic organic substances)
2. Dr. Theodore Rice
 1. Cycling of radionuclides in the marine environment - marine radiocology in the U.S.
 2. Impact of thermal discharges from steam-electric plants on marine organisms
 3. Ecological energetics in coastal plain estuaries
2. Dr. Holgar Jannasch
 1. Marine and fresh water bacteriology
 2. Chemostat techniques in the ecology and physiology of aquatic microorganisms
 3. Microbial activities in the deep-sea
3. Dr. Edward Goldberg
 1. Predicting Ocean Pollutants - energy and material usages
 2. Atmospheric transport of substances in the atmosphere to the waters of the earth
 3. Global marine management
 4. Low molecular weight halogenated hydrocarbons in the environment
 5. Plutonium in the environment
- Dr. Robert Duce
 1. Atmospheric transport of trace metals, chlorinated hydrocarbons and petroleum hydrocarbons to marine areas
 2. Chemistry of oceanic surface microlayer (upper 150 micro)
 3. Bubbles and sea-to-air transport of particulate matter

Trans
S+T

World Ocean
AEC

Environ
Space
Health & Med Sci

Permissible
DCM Prague
05/1/

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anywhere man involved -
esp but effect on man from pollution

PSFS has air & land ^{sea} transport interest

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Wish to work w/ EPA -
EPA work w/ will not work w/ EPA
EPA - feels self too sensitive to be useful

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try 05/ on this

8 or 9 Apr - ~~US-USSR~~ Ag Res Wkg Grp Mtg -
USDA

Ray's - recent thing
cc

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plus full discuss

Set Briefing
CW BW Brock